BAR SUPPORTS

TABLE II [1] — WIRE SIZES & GEOMETRY

		WIRE SIZES[2]				
		CARBON STEEL			STAINLESS STEEL	
SYMBOL	NOMINAL HEIGHT[3]	TOP	LEGS	RUNNER	LEGS	USUAL GEOMETRY
SB	All	4 ga. Corrugated	6 ga.	—	8 ga.	Legs spaced 5 in. on center. Vertical corrugations spaced 1 in. on center.[4]
SBU	All	4 ga. Corrugated	6 ga.	7 ga.	—	Same as SB
BB	Up to 1½" incl.	7 ga.	7 ga.	—	9 ga.	Legs spaced 2½ in. on center.[4]
	Over 1½" to 2" incl.	7 ga.	7 ga.	—	8 ga.	
	Over 2" to 3½" incl.	4 ga.	4 ga.	—	7 ga.	
	Over 3½"	4 ga.	4 ga.	—	—	
BBU	Up to 2" incl.	7 ga.	7 ga.	7 ga.	—	Same as BB.
	Over 2"	4 ga.	4 ga.	4 ga.	—	
BC	All	—	7 ga.	—	9 ga.	—[4]
JC	All	—	6 ga.	—	9 ga.	—[4]
HC	2" to 3½" incl.	—	4 ga.	—	7 ga.	Legs at 20 deg. or less with vertical. When height exceeds 12 in., legs are reinforced with welded crosswires or encircling wires.[5]
	Over 3½" to 5" incl.	—	4 ga.	—	—	
	Over 5" to 9" incl.	—	2 ga.	—	—	
	Over 9" to 15" incl.	—	0 ga.	—	—	
HCM	2" to 5" incl.	—	4 ga.	—	—	Same as HC. The longest leg will govern the size of wire to be used.[5]
	Over 5" to 9" incl.	—		—	—	
	Over 9" to 15" incl.	—		—	—	
CHC	2" to 3½" incl.	2 ga.	4 ga.	—	7 ga.	Legs at 20 deg. or less with vertical. All legs 8¼ in. on center maximum, with leg within 4 in. of end of chair, and spread between legs not less than 50% of nominal height.[6]
	Over 3½" to 5" incl.	2 ga.	4 ga.	—	—	
	Over 5" to 9" incl.	2 ga.	2 ga.	—	—	
	Over 9" to 15" incl.	2 ga.	0 ga.	—	—	
CHCU	2" to 5" incl.	2 ga.	4 ga.	4 ga.	—	Same as CHC.
	Over 5" to 9" incl.	2 ga.	2 ga.	4 ga.	—	
	Over 9" to 15" incl.	2 ga.	0 ga.	4 ga.	—	
CHCM	Up to 2" incl.	4 ga.	6 ga.	—	—	With 4 ga. top wire, maximum leg spacing is 5 in. on center.[6]
	Up to 2" incl.	2 ga.	4 ga.	—	—	With 2 ga. top wire, maximum spacing is 10 in. on center.[6]
	Over 2" to 5" incl.	2 ga.	4 ga.	—	—	
JCU	−1" to +3½" incl. (Measured from form to top of middle portion of saddle bar) in ¼" increments.	#4 bar or ½" ø	2 ga.	—	—	Legs spaced 14 in. on center. Maximum height of JCU at support legs shall be slab thickness minus ¾ in.

[1] Top wire on continuous supports, not otherwise designated as corrugated, may be straight or corrugated.

[2] Wire sizes are American Steel & Wire gauges.

[3] The nominal height of the bar support is taken as the distance from the bottom of the leg, sandplate or runner wire to the bottom of the reinforcement. Variations of plus or minus ⅛ in. from the stated nominal height are generally permitted.

[4] In order to provide adequate stability against overturning, the leg spread measured between points of support on the minor axis of the support is recommended to be not less than 70 percent of the nominal height.

[5] In order to provide adequate stability against overturning, the leg spread measured between points of support on the minor axis of the support is recommended to be less than 55 percent of the nominal height.

[6] In order to provide adequate stability against overturning, and to provide adequate load capacity, the leg spread measured between points of support on the minor axis of the support is recommended to not exceed the minimum and maximum percentages of the nominal height, as shown.

NOMINAL HEIGHT (INCHES)	DISTANCE BETWEEN SUPPORTS, % OF NOMINAL HEIGHT	
	MINIMUM	MAXIMUM
Under 4	70	No limit
4	70	95
6	65	90
8	60	85
10	55	80
12	50	75
Over 12	50	75